

Linanthus bolanderi (Gray) E. Greene
Baker's linanthus
Polemoniaceae (Phlox Family)

Status: State Sensitive

Rank: G4G5S2

General Description: Slender annual up to 10 in. (25 cm) tall; leaves 3 to 7 parted and ½ in. (1cm), opposite; flowers on glandular stalks (pedicels), corolla white to pink or violet and sometimes bicolored; the slender tube distinctly protruding from the calyx and usually with a ring of hairs near or below the middle, filaments 1 to 2 times as long as the anthers; fruits multi-chambered, several seeds in each compartment.

Identification Tips: *Linanthus bolanderi* is most closely related to *L. septentrionalis* and *L. pharnaceoides*. These species can be distinguished by their corolla lobes and filaments. The corolla lobes of *L. bolanderi* are only about half as long as the tube, and its filaments are 1 to 2 times as long as the anthers. The corolla lobes of *L. septentrionalis* and *L. pharnaceoides* are about equaling or more often distinctly longer than the tube, and their filaments are several or many times as long as the anthers.

Phenology: *Linanthus bolanderi* flowers in April and May.

Range: Peripheral in Klickitat County, Washington, and south through Oregon to the Coast Ranges and Sierra Nevada of California.

Habitat: Occurs primarily in dry rocky places, often on open slopes, growing in fine textured mineral soils. Areas are often bare or semi-vegetated with scattered basalt rocks. This species has been found growing in Washington at elevations ranging from 850 to 1800 ft (260 to 550 m).

Ecology: *Linanthus bolanderi* may have the ability to withstand a certain amount of disturbance. In Washington, it has been observed growing in an area heavily impacted by grazing horses.

State Status Comments: Five recent sightings and three historical populations are recorded from Klickitat County, Washington. There appears to be a lot of potential habitat for this species.

Inventory Needs: Open, dry rocky places in Klickitat County should be systematically surveyed.

Linanthus bolanderi
Baker's linanthus



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Known distribution of
Linanthus bolanderi
in Washington



● Current (1980+)
○ Historic (older than 1980)

Linanthus bolanderi

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Photo by Dean W. Taylor



Photo by Bureau of Land Management



Photo by Bureau of Land Management

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Baker's linanthus

Threats and Management Concerns: Extensive grazing is a possible threat.

Comments: This species is synonymous with *L. bakeri* Mason.

References:

Hitchcock, C.L., A. Cronquist, M. Ownbey, J.W. Thompson. 1959. *Vascular Plants of the Pacific Northwest Part 4: Ericaceae Through Campanulaceae*. University of Washington Press, Seattle, WA. 510 pp.